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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/299,596	04/27/1999	TONG HYONG LEE	0630-0913P	3472

2292 7590 06/07/2006

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EXAMINER
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KARMIS, STEFANOS

ART UNIT	PAPER NUMBER
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3624

DATE MAILED: 06/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/299,596	LEE, TONG HYONG	
	<b>Examiner</b>	<b>Art Unit</b>	
	Stefano Karmis	3624	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 13 March 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 3-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 3-27 are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

1. The following communication is in response to Applicant's amendment filed 13 March 2006.

### ***Status of Claims***

2. Claims 3-27 are currently pending.

### ***Response to Arguments***

3. In response to Applicant's arguments filed 13 March 2006, it has come to the attention of the Examiner of a restriction requirement for claims 3-27 as discussed below and the Examiner respectfully request that the Applicant elect in the next response. Applicant's remarks have helped to highlight the restriction requirement as discussed below.

### ***Election/Restrictions***

4. Restriction to one of the following inventions is required under 35 U.S.C. 121:
  - I. Claims 3-22 are drawn to storing electronic money comprising determining whether a radio signal corresponds to general information or balance storing information and a computation logic block for comparing a serial number during balance storing into a card, classified in class 705, subclass 41.

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- II. Claims 23-25 are drawn to determining whether a card service stop or release information is received by comparing certification information, classified in class 705, subclass 41.
- III. Claim 26 is drawn to determining whether a received radio signal corresponds to personal update information and updating the personal information based on a variable comparison classified in class 705, subclass 35.
- IV. Claim 27 is drawn to a method for storing electronic money using radio communication wherein certification includes encrypting values as certain keys for first balance storing information and second balance storing information, classified in class 705, subclass 71.

The inventions are distinct, each from the other because of the following reasons:

5. Inventions I, II, III and IV are directed to related processes. The related inventions are distinct if the inventions as claimed do not overlap in scope, i.e., are mutually exclusive; the inventions as claimed are not obvious variants; and the inventions as claimed are either not capable of use together or can have a materially different design, mode of operation, function, or effect. See MPEP § 806.05(j). Invention I uses a radio signal receiving block for determining whether a received signal corresponds to a general information or balance storing information and the performs a comparison of extracted information for storing electronic money (see Applicant's remarks, page 18). This is distinct from both inventions II and III. Invention II determines whether a card service stop or release is received and releases the card service stop based on a comparison of extracted information. Invention II does not store electronic money

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(see Applicant's remarks, page 28). Invention III also does not store electronic money as in invention I nor is it concerned with a card service stop or release information as in invention II. Instead, invention III is concerned with determining whether a radio signal corresponds to updating personal information by extracting variables and comparing the variables. Neither inventions I or II teach updating personal information. Invention IX, is also distinct from inventions I, II and III because it is concerned with storing electronic money by encrypting values as certain key values, specifically for first balance storing information and second balance storing information. Neither inventions I, II or III have such encryption teachings and inventions II and III do not teach storing electronic money. Therefore, inventions I, II, III and IX are distinct as they have materially different design, mode of operation, function, or effect.

6. Because these inventions are independent or distinct for the reasons given above and have acquired a separate status in the art in view of their different classification, restriction for examination purposes as indicated is proper.

7. Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

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Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stefano Karmis whose telephone number is (571) 272-6744. The examiner can normally be reached on M-F: 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vincent Millin can be reached on (571) 272-6747. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number: 09/299,596

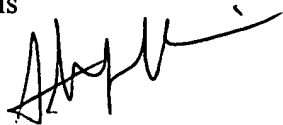
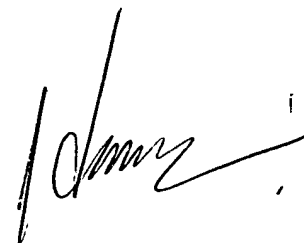
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Respectfully Submitted

Stefano Karmis

30 May 2006

A handwritten signature in black ink, appearing to be 'Stefano Karmis', written in a cursive style.A handwritten signature in black ink, appearing to be 'Hani M. Kazimi', written in a cursive style.

**HANI M. KAZIMI**  
**PRIMARY EXAMINER**